

217/782-2113

CONSTRUCTION PERMIT - NSPS SOURCE

PERMITTEE

Center Terminal Company - Hartford
Attn: Dan House
600 Mason Ridge Center Drive
St. Louis, Missouri 63141

Application No.: 03070053

I.D. No.: 119050AAD

Applicant's Designation: CTCH EXPN

Date Received: August 4, 2003

Subject: Storage Tanks and Air Stripper

Date Issued: October 30, 2003

Location: 1402 South Delmar, Hartford

Permit is hereby granted to the above-designated Permittee to CONSTRUCT emission source(s) and/or air pollution control equipment consisting of 2 gasoline internal floating roof storage tanks (15,000-bbl and 43,000-bbl) and air stripper as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

1. Emissions and operation of air stripper shall not exceed the following limits:

<u>Equipment</u>	<u>VOM Emissions</u>	
	<u>(Lb/Hr)</u>	<u>(Ton/Yr)</u>
Soil Vapor Extraction System	4.91	21.49

These limits are based on a maximum concentration of 1,510 mg/L, a maximum flow rate of 6.5 gpm, 8,760 hours of operation, and information provided in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.

2. Emissions and operation of 2 storage tanks shall not exceed the following limits:

<u>Process</u>	<u>Total Throughput</u>		<u>VOM Emissions</u>	
	<u>(Gal/Mo)</u>	<u>(Gal/Yr)</u>	<u>(Lb/Mo)</u>	<u>(Ton/Yr)</u>
Gasoline Storage	7,300,000	58,464,000	800	3.00

These limits are based on standard AP-42 emission rates from breathing and working losses, maximum storage throughputs, and information provided in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.

- 3a. The 2 storage tanks are subject to New Source Performance Standards (NSPS), 40 CFR 60 Subparts A and Kb. The Illinois EPA is administering these standards in Illinois on behalf of the United States EPA under a delegation agreement.
- b. The 2 storage tanks shall comply with the equipment standards contained in the NSPS, 40 CFR 60.112b.
- c. At all times the Permittee shall, to the extent practicable, maintain and operate these tanks, in a manner consistent with good air pollution control practice for minimizing emissions, pursuant to the New Source Performance Standard.
- 4a. The Permittee shall fulfill the Testing and Procedures requirements of 60.113b. Notification should be sent to: Illinois Environmental Protection Agency, Division of Air Pollution Control, 2009 Mall Street, Collinsville, Illinois, 62234.
- b. The Permittee shall fulfill applicable notification and recordkeeping requirements of the NSPS, 40 CFR 60.7 and 60.115b.
- c. The Permittee shall notify the Illinois EPA of any change in the type of material stored that are different than those identified in the application.
- d. The above records shall be retained for two years and shall be available for inspection by the Illinois EPA.
5. The Permittee shall, in accordance with the manufacturer(s) and/or vendor(s) recommendations, perform periodic maintenance on the pollution control equipment covered under this permit such that the pollution control equipment be kept in proper working condition and not cause a violation of the Environmental Protection Act or regulations promulgated therein.
6. The Permittee shall maintain records of the vendor recommendations at the facility and be available for inspection and copying by the Illinois EPA.
7. In the event that the operation of this emission unit results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the odor nuisance.
8. The Permittee shall maintain the following records:
 - a. Gasoline throughput and VOM and HAP emissions of each storage tank (gal/mo and gal/yr);
 - b. Total effluent VOC concentration of the air stripper (mg/l);

- c. Amount effluent treated by the air stripper (gal/mo and gal/yr);
and
 - d. Total VOM and HAP emissions for the air stripper and storage
tanks (lb/mo and ton/yr).
9. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA request for records during the course of a source inspection.
10. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
11. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
2009 Mall Street
Collinsville, Illinois 62234

If you have any questions on this, please call Eric Jones at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:EEJ:jar

cc: Region 3